METHOD AND APPARATUS FOR VOICE OVER IP
NETWORK ADDRESS TRANSLATION

ABSTRACT OF THE DISCLOSURE

[00037] An IP services switch that supports
packetized voice traffic in the form of voice packets
from a plurality of enterprises having a plurality of
endpoints some of which can use the same IP addresses.
The IP services switch includes a plurality of NAT
tables, each of which corresponds to a separate
enterprise network for providing header and payload IP
addresses which are unique to the services switch for
the voice packets corresponding to each separate
enterprise endpoint. A method of NAT in an
intermediate service provider network for header and
payload IP addresses in VoIP voice traffic packets is
also provided.